

 <p><b>Financial Assistance Award</b></p> <p><b>DENALI COMMISSION</b>  510 L Street, Suite 410  Anchorage, Alaska 99501  (907) 271-1414 (phone)  (907) 271-1415 (fax)  www.denali.gov</p>		<b>Award Number</b>	01525-00		
		<b>Award Title</b>	Power Plant Operator Training		
		<b>Performance Period</b>	August 15, 2017 through June 30, 2018		
<b>Authority</b> 112 Stat 1854	<b>CFDA Number</b> 90.100	<b><u>Recipient Organization &amp; Address</u></b> Alaska Energy Authority 813 W Northern Lights Blvd Alaska Energy Authority  <b>Phone:</b> 907-771-3000 <b>Recipient DUNS #</b> 054072608 <b>TIN #</b> 926001185			
<b>Denali Commission Finance Officer Certification</b>					
<b><u>Cost Share Distribution Table</u></b>					
Accounting Code	New Funding		Prior Period Funding		Total
	Denali Commission	Other Contributors	Denali Commission	Other Contributors	
95670000	\$167,514.00		\$0.00		\$167,514.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
	\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
		\$0.00		\$0.00	\$0.00
<b>Total</b>	<b>\$167,514.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$167,514.00</b>
This Financial Assistance Award approved by the Federal Co-Chair of the Denali Commission constitutes an obligation of federal funding.					
<b>Signature of Authorized Official - Denali Commission</b>  Electronically Signed		<b>Typed Name and Title</b> Mr. Jay Farmwald Director of Programs		<b>Date</b> 09/07/2017	

# AWARD ATTACHMENTS

Alaska Energy Authority

01525-00

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1. Terms and Conditions
  2. Attachment A
  3. Budget and Funding Summary

**Financial Assistance Award Terms and Conditions  
Between the Denali Commission and Alaska Energy Authority  
For Power Plant Operator Training  
Award No. 1525**

**1. Project Summary**

- a. Scope of Work: Provide power plant operator (PPO) and Advanced PPO training for rural Alaska power plant operators.
- b. Deliverables: Two PPO classes and one Advanced PPO class of approximately 10 students each at the Alaska Vocational Technical Center (AVTEC) in Seward, Alaska based on the established AVTEC curriculum.
- c. Budget: The Commission is making \$167,514 available for the project via this Financial Assistance Award (FAA). This amount includes all direct, indirect, and pre-award costs (if any) authorized pursuant to 2 CFR 200.458. All Commission funding is intended to be used for the scope of work identified in this FAA only. Any funds remaining after the full scope of work has been completed shall be returned to the Denali Commission consistent with 2 CFR 200.319.
- d. Delivery Method: AEA will identify students and manage travel to/from AVTEC in Seward. AVTEC will conduct the classroom training in Seward under a Reimbursable Services Agreement with AEA.
- e. Performance Period: The Period of Performance for this FAA is August 15, 2017 through June 30, 2018. In accordance with 2 CFR 200.309 Recipients can only incur obligations or costs against this FAA during the Period of Performance, unless specifically authorized in the Special Provisions (Section 14 of this document). If a project cannot be completed within the approved Period of Performance, an extension request must be made in accordance with the Commission's *Recipient Guidelines and Requirements* (RGR) document dated July 2015, available at [www.denali.gov](http://www.denali.gov).

More detailed information on scope, deliverables, budget, funding, project delivery method and/or management plan, schedule and key milestones are included in Attachment A dated August 3, 2017.

**2. Project Reporting and Commission Site Visits**

Progress reports and a close-out report are required under this FAA. Progress Reports shall be submitted at the frequency stipulated in the Special Provisions. The Closeout Report shall be completed within 90-days of the end of the Period of Performance. All reports must be submitted using the Denali Commission's on-line Project Database System, available at [www.denali.gov/dcpdb](http://www.denali.gov/dcpdb).

Commission staff or agents of the Commission may make visits to the project site and/or home office to monitor progress during and/or after the Period of Performance. The Recipient shall coordinate and make information available as necessary to facilitate any such site visits.

Refer to the *Recipient Guidelines and Requirements* document for further information related to reports and site visits.

### **3. Payments**

Payments under this FAA will be made in accordance with 2 CFR 200.305 by electronic transfer in response to a Standard Form 270 (SF-270) "Request for Advance or Reimbursement", submitted by the Recipient. At a minimum, all 270's must include summary cost information on labor, materials, contracts/consultants, and indirect costs. Detailed documentation is required for any single expenditure greater than \$50,000. If Pre-award Costs and/or Advance Payments are authorized under this FAA, the Special Provisions will indicate so. Requests for reimbursements may be made as needed. Refer to the *Recipient Guidelines and Requirements* document for further information about submitting SF-270's.

### **4. Modifications**

In accordance with 2 CFR 200.308, the Recipient shall report deviations in project scope, budget, delivery method, management plan, schedule, or changed site conditions, and request prior approvals from the Program Manager. The Recipient shall also submit written requests to the Program Manager for the replacement of Key Staff identified in the Special Provisions. Refer to the *Recipient Guidelines and Requirements* document for further information about modifying a Financial Assistance Award.

### **5. Financial Management, Record Keeping, Internal Controls, and Audits**

The Recipient must have financial management and record keeping systems that are consistent with 2 CFR 200.302. If the Recipient is a State organization it must expend and account for FAA funds in accordance with applicable State laws and procedures for expending and accounting for the State's own funds.

The Recipient must establish and maintain effective internal controls with respect to this FAA that are consistent with 2 CFR 200.303.

In accordance with 2 CFR 200.501, Recipients that expend \$750,000 or more of federal funds in a year shall have a single or program-specific audit conducted for that year.

Refer to the *Recipient Guidelines and Requirements* document for further information about financial management, record keeping, internal controls and audits.

## **6. Direct and Indirect Costs**

All direct costs must be allowable and reasonable. Indirect costs must be allocable based on accepted accounting policies and practices. Indirect costs must be specifically included as a line item or identified with appropriate notes in the approved FAA budget. Refer to 2 CFR 200 Subpart E (Cost Principles) and the *Recipient Guidelines and Requirements* document for further information on direct and indirect costs.

## **7. Sub-Awards and Contracts**

All sub-awards and contracts issued by the Recipient under this FAA must comply with 2 CFR 200.331 and Appendix II to 2 CFR 200. Refer to the *Recipient Guidelines and Requirements* document for further information on this subject.

## **8. Acknowledgement of Support**

The Recipient shall name the Denali Commission as a financial contributor and project/program partner in all media correspondence related to the work supported by this FAA. If Commission funds are used for construction, the Recipient shall also display a sign at the construction site that acknowledges the Commission's support. Refer to the *Recipient Guidelines and Requirements* document for further information on this subject.

## **9. Real and Personal Property**

In accordance with 2 CFR 200.311, 313, and 316 the Denali Commission may require the Recipient to execute a security interest or other public notice of record to indicate that real or personal property acquired or improved, in whole or in part, with Federal funds is subject to a Federal interest. Any such requirements under this FAA, including post project reporting in accordance with 2 CFR 200.329, will be stipulated in the Special Provisions.

## **10. Conflict of Interest**

In accordance with 2 CFR 200.112, the Recipient must disclose in writing any potential conflicts of interest to the Commission. In addition, 2 CFR 200.318 requires that Recipients maintain written standards of conduct covering conflicts of interest and governing the performance of their employees engaged in the selection, award, and administration of contracts. Refer to the *Recipient Guidelines and Requirements* document for further information on this subject.

## **11. Denali Commission Policies**

Recipients may be required to comply with certain published Denali Commission policies which can be found in the *Recipient Guidelines and Requirements* document. Applicable policies are referenced in the Special Provisions of this FAA, and specific requirements/deliverables (if any) are stipulated in Appendix A.

## **12. Laws and Regulations**

Recipients are required to comply with all applicable Federal laws and regulations. General categories of potentially applicable laws and regulations are summarized below. Refer to the *Recipient Guidelines and Requirements* document for further information on specific laws and regulations that may apply.

- a. Debarment and Suspension
- b. Whistle-blower Protection
- c. Non-Discrimination
- d. Lobbying and Propaganda
- e. Environmental
- f. Drug-Free Workplace
- g. Travel
- h. Human Rights
- i. Animal Welfare
- j. Executive Compensation

## **13. Other Provisions**

- a. The United States expressly disclaims any and all responsibility or liability to the Recipient or sub-recipients for the actions of the Recipient or sub-recipients resulting in death, bodily injury, property damages, or any other losses resulting in any way from the performance of this FAA, including sub-awards, contracts, or sub-contracts issued in connection with this FAA.
- b. To the maximum extent practicable, considering applicable laws, the Recipient shall accomplish the project contemplated by this FAA using local Alaska firms and labor.
- c. All terms and conditions contained in this FAA apply to any sub-recipient under this FAA.
- d. Failure to comply with the provisions of this FAA or maintain satisfactory performance may result in additional FAA conditions pursuant to 2 CFR 207. This includes but is not limited to: temporarily withholding of payments pending the correction of the deficiency; disallowance of project costs; wholly or partially suspending or terminating the FAA. In addition, failure to comply with the provisions of this FAA may also have a negative impact on the Recipient's eligibility for future Federal awards.

#### **14. Special Provisions**

Progress Reports: Quarterly

Pre-award Costs: n/a

Key Staff: Karin St. Clair, AEA

Advance Payments: n/a

Federal Property Interests and Reporting Requirements: n/a

Denali Commission Policies: n/a

Bonds and Insurance: n/a

#### **15. Program Manager, Financial Manager & Other Contact Information**

<b>Denali Commission</b>	<b>Alaska Energy Authority</b>
Tom Wolf Program Manager 510 L Street, Suite 410 Anchorage, AK 99501 Phone: 907-271-5232 Fax: 907-271-1415 E-mail: twolf@denali.gov	Karin St. Clair Project Manager 813 W. Northern Lights Blvd. Anchorage, AK 99503 Phone: 907-771-3000 Fax: 907-771-3044 E-mail: kstclair@aidea.org
Janet Davis Grants Management Officer 510 L Street, Suite 410 Anchorage, AK 99501 Phone: 907-271-3036 Fax: 907-271-1415 E-mail: jdavis@denali.gov	Salina Bearden Senior Accountant 813 W. Northern Lights Blvd. Anchorage, AK 99503 Phone: 907-771-3956 Fax: 907- 771-3044 E-mail: sbearden@aidea.org

**Financial Assistance Award 1525**  
**Between the Denali Commission and Alaska Energy Authority**  
**For Power Plant Operator Training**  
**Attachment A**

*August 3, 2017*

**Scope of Work**

**Power Plant Operator (PPO) Training** - Provide PPO training for rural Alaska communities in accordance with an established eight-week curriculum at the Alaska Vocational Technical Center (AVTEC) in Seward, Alaska. The course shall provide students the knowledge and skills necessary to safely operate and maintain a remote power system. The course shall provide students the knowledge and skills necessary to properly operate and maintain a power generation facility while complying with state and federal laws.

AEA and AVTEC will provide the basic curriculum for the training. Participants will learn the basics of a diesel engine, perform the routine maintenance, and make common repairs on the diesel electric generators and associated equipment. Participants will be trained to work in a 50-200 KW power plant, which is equivalent to what is used in rural Alaska. They will learn basic generator set operational skills up to troubleshooting the alternator section. Engine and auxiliary system maintenance and troubleshooting are covered. Waste heat management skills are also presented. Skills that lead to proficiency in operating the power plant, to optimize its efficiency and decrease operational costs, are stressed.

Participants will be tested throughout the training period to assure effective training. Once a participant has successfully completed this training, they will have obtained invaluable knowledge and experience. Participants successfully completing the course will receive a PPO or Assistant PPO certification, based on the skill level achieved.

**Advanced PPO Training** - Provide Advanced PPO training for rural Alaska communities in accordance with an established 15-day curriculum at the AVTEC in Seward, Alaska. The course shall provide students the knowledge and skills necessary to safely operate and maintain the electronically managed diesel engines used in modern day power generation facilities throughout Alaska while complying with state and federal laws.

AEA and AVTEC will provide the basic curriculum for the training. The training will address the new generation of diesel engines with electronic control systems. Participants will review electrical fundamentals, testing equipment, basics of computerized engine control systems, sensors and actuators, electronic signatures and waveforms, diagnostics and testing. Approximately 50% of the course will be shop work and 50% classroom training. Participants will become familiar with the operation, maintenance and repair of non-electronically controlled diesel engines.



Participants will be trained in the necessary knowledge and skill to diagnose and repair failures in the electronic fuel control system of the generator's engine.

Participants will be tested throughout the training period to assure effective training. Once a participant has successfully completed this training, they will have obtained invaluable knowledge and experience. Participants successfully completing the course will receive an Advanced PPO certificate.

### **Deliverables**

1. Two power plant operator classes of approximately 10 students each at AVTEC.
2. One advanced power plant operator class of approximately 10 students at AVTEC.

### **Budget**

See attached Budget and Funding Summary dated 3 August 2017.

### **Delivery Method**

AEA will identify students and manage travel to/from AVTEC in Seward. AVTEC will conduct the classroom training in Seward under a Reimbursable Services Agreement with AEA.

This FAA is a Cooperative Agreement between AEA and the Commission. AEA will collaborate with AVTEC and the Commission.

### **Schedule**

The performance period for this Award is August 15, 2017 through June 30, 2018. Initial milestones are summarized below:

PPO Training Session 1: September 25, 2017 – November 17, 2017

PPO Training Session 2: January 8, 2018 – March 2, 2018

Advanced PPO Training Session: March 19, 2018 – April 6, 2018

Award Closeout: June 30, 2018

BUDGET				
Line	Item	Provided By	Amount	Basis/Notes
1	Project Management	AEA	\$10,113	175 hrs @ \$57.79/hr
2	Student Travel	AEA	\$6,248	RT Bus transportation Anchorage to Seward; 5 classes @ 10 students/class; based on recent actual costs
3	Instructor Time Power Plant Training	AVTEC	\$60,693	Four each 4 week classes @ \$15,173.25/ per 4 week session
4	Instructor Time Adv. Power Plant Training	AVTEC	\$11,380	One 3 week class @ \$11,380/ per session
5	Power Plant #1 Fall Class <sup>a</sup>	AVTEC	\$15,250	\$1,525/student @ 10 students/class
6	Power Plant #2 Fall Class <sup>a</sup>	AVTEC	\$11,750	\$1,175/student @ 10 students/class
7	Power Plant #1 Spring Class <sup>a</sup>	AVTEC	\$15,250	\$1,525/student @ 10 students/class
8	Power Plant #2 Spring Class <sup>a</sup>	AVTEC	\$11,750	\$1,175/student @ 10 students/class
9	Advanced Power Plant Class <sup>a</sup>	AVTEC	\$16,950	\$1,695/student @ 10 students/class
10	AEA Indirect Costs <sup>b</sup>		\$4,136	10% of lines 1 and 2 + 10% of the first \$25,000 of the total cost of instructor time (line 3 and line 4)
11	AVTEC Indirect Costs <sup>c</sup>		\$3,994	5.63% of lines 5, 6, 7, 8, 9
12	Subtotal		\$167,514	
13	Total		\$167,514	

**Additional Notes**  
a. Costs for classes include Fees, Room & Board, Supplies, and Training Materials. PPO is an 8 week program that is broken out into two sections to accommodate AEA's request for the opportunity to allow AEA students to attend only 4 weeks at a time. Room and Board are based on the 8 week program. Students attending the PPO1 and PPO2 training will only be charged once per school year for the fees.  
b. AEA does not have a federally negotiated indirect rate; use the 10% de-minimus rate in 2 CFR 200.414  
c. AVTEC has a 5.63% inderct rate established by the US Department of Labor on 30 June 2015

FUNDING				
Line	Source	Award or Reference	Amount	Notes
9	Denali Commission	This Action	\$167,514	
10				
11	Total Funding Available As Of This Action		\$167,514	